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Atty Dkt No. 5000-0065  
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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Karla ROBOTTI

#5

Serial No.: Unassigned

Group Art Unit: Unassigned

Filing Date: Concurrently herewith

Examiner: Unassigned

Title: METHOD OF IMMOBILIZING BIOLOGICALLY ACTIVE MOLECULES FOR  
ASSAY PURPOSES IN A MICROFLUIDIC FORMAT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicant respectfully requests that the Examiner review and make of record the references identified below.

A PTO-1449 form listing the references accompanies this paper. Applicant would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
Patent No.	Issue Date	Patentee
5,200,334	4/6/93	Dunn et al.
5,300,564	4/5/94	Avnir et al.
6,180,378	1/30/01	Shen et al.
6,303,290	10/16/01	Liu et al.

OTHER DOCUMENTS	
Alstein et al. (2001), "Immunochemical Approaches for Purification and Detection of TNT Traces by Antibodies Entrapped in a Sol-Gel Matrix," <i>Anal. Chem.</i> 73:2461-2467.	
Braun et al. (1990), "Biochemically Active Sol-gel Glasses: The Trapping of Enzymes," <i>Materials Letters</i> 10(1,2):1-5.	
Johnson et al. (1971), "On the Use of Polymerizing Silica Gel Systems for the Immobilization of Trypsin," <i>Journal of Colloid and Interface Science</i> 37(3):557-563.	
Narang et al. (1994), "Glucose Biosensor Based on a Sol-Gel-Derived Platform," <i>Anal. Chem.</i> 66:3139-3144.	


This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As applicants have not yet received a first Action on the merits, no fee is required for filing this Information Disclosure Statement. If, however, the PTO finds that for some reason a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor. **A duplicate copy of this paper is enclosed.**

Respectfully submitted,

2/5/2002  
Date

By:

  
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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DCKET NO.: 5000-0065	SERIAL NO.: Unassigned
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)  (37 CFR 1.98(b))		APPLICANT: Karla ROBOTTI	
		FILING DATE: Concurrently herewith	GROUP: Unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,200,334	4/6/93	Dunn et al.			
	AB	5,300,564	4/5/94	Avnir et al.			
	AC	6,180,378	1/30/01	Shen et al.			
	AD	6,303,290	10/16/01	Liu et al.			

## OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
	AE	Alstein et al. (2001), "Immunochemical Approaches for Purification and Detection of TNT Traces by Antibodies Entrapped in a Sol-Gel Matrix," <i>Anal. Chem.</i> 73:2461-2467.
	AF	Braun et al. (1990), "Biochemically Active Sol-gel Glasses: The Trapping of Enzymes," <i>Materials Letters</i> 10(1,2):1-5.
	AG	Johnson et al. (1971), "On the Use of Polymerizing Silica Gel Systems for the Immobilization of Trypsin," <i>Journal of Colloid and Interface Science</i> 37(3):557-563.
	AH	Narang et al. (1994), "Glucose Biosensor Based on a Sol-Gel-Derived Platform," <i>Anal. Chem.</i> 66:3139-3144.

U.S. PTO  
10/072525  
02/05/02

EXAMINER SIGNATURE:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	